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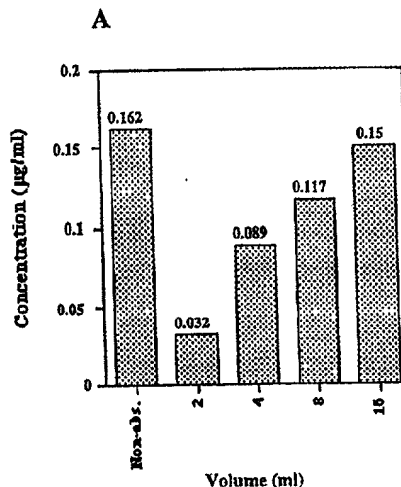
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(71) Applicant (for all designated States except US): KAROLINSKA INNOVATIONS AB [SE/SE]; S-171 77 Stockholm (SE).			
(72) Inventors; and (75) Inventors/Applicants (for US only): HOLGERSSON, Jan [SE/SE]; Venusvägen 6A, S-141 33 Huddinge (SE). LIU, Jining [CN/SE]; Röntgenvägen 1, S-141 52 Huddinge (SE).			
(74) Agents: KILANDER, Annika et al.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S-103 62 Stockholm (SE).			

(54) Title: ANTIGENIC FUSIONPROTEIN CARRYING GAL α 1,3GAL EPTOPES

(57) Abstract

The present invention relates to an antigenic fusionprotein, which carries multiple Gal α 1,3Gal epitopes. The fusion protein according to the invention may also be comprised of a heavily glycosylated mucin part, which mediates binding to selectins, such as PSGL-1, and a part, which exhibits immunoglobulin properties, such as the Fc part of IgG. The fusionprotein according to the invention is preferably used as an absorber to prevent a hyperacute rejection of a xenotransplant, such as a pig tissue or organ transplanted into a human patient. In addition, the invention relates to a method for the prevention of a hyperacute rejection reaction in a patient who is to receive a xenotransplant.



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